

Schneider Series Service Manual

AS-BDAP-210

1. Description

The AS-BDAP-210 from Schneider Electric is an output module that provides a reliable 8-point AC output. It operates over a voltage range of 24V AC to 240V AC and features a maximum output current of 1A per point, totaling 8A per module.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number AS-BDAP-210
Weight	0.69 lbs (0.31 kg)
Name	Output Module
Height	1.77 in (4.5 cm)
Width	6.50 in (16.5 cm)
Length	8.07 in (20.5 cm)
Functionality	8-point AC output
Output	Type Digital AC Output
Output	Voltage Range 24V AC to 240V AC
Output	Current per Point 1 A maximum
Output	Current per Module 8 A
Isolation	Electrical isolation
Operating	Temperature Range -20°C to 60°C
Power	Consumption 3 W
Bus	Communication Modbus
Mounting	DIN rail mounting
Description	
The	AS-BDAP-210 output module designed by Schneider Electric belongs to the Modicon series. This module is engineered to facilitate 8-point AC output, delivering digital AC signals across a broad voltage range from 24V to 240V AC. Each output point can handle a current of up to 1A, which aggregates to a maximum of 8A for the entire module.

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Technical specifications for AS-BDAP-210

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Manufactured with versatility in mind, the module measures 1.77 inches in height, 6.50 inches in width, and 8.07 inches in length, with a total weight of 0.924 lb (0.419 kg). For environments requiring robust performance, it operates effectively within a temperature spectrum of -20°C to 60°C. The power consumption is relatively low at 3W, making it efficient for various applications.

Designed for ease of use, this module features Modbus communication, which allows for reliable integration into existing systems. Electrical isolation is also provided, enhancing safety and performance during operation. Additionally, it is specifically designed for DIN rail mounting, ensuring a streamlined installation process suitable for industrial settings.